

KOREAN PATENT ABSTRACTS

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(54) DEVICE COMMUNICATION AND CONTROL IN HOME NETWORK CONNECTED TO EXTERNAL NETWORK**(57) Abstract:**

PURPOSE: A method for device communication and control in a home network connected to an external network is provided to display user interfaces for controlling the devices that are currently connected to the first network and communication with devices that are currently connected to the second network in the first network including first devices interconnected via a communication medium and at least one interface device connecting the first network to at least the second network having interconnected second devices providing services.

CONSTITUTION: The method for device communication and control in a home network includes the first step of obtaining information from one or more of first devices currently connected to the first network, the information including device information, the second step of obtaining the information from one or more of the second devices via the interface device, about the services of second devices connected to the second network, and the third step of generating the user interface description in one or more of the first devices based at least on the obtained information, wherein the user interface description in each first device includes at least one reference associated with the device information of each of the first devices and at least one reference associated with the service information of each of the second devices.

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